

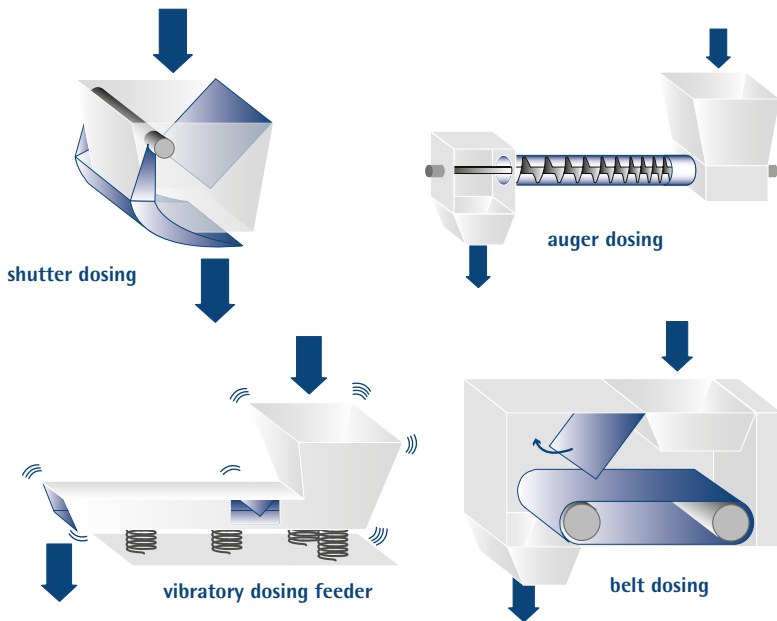


We offer the right system for each product

We deploy the optimal dosing and weighing equipment that meets the demands.

The choice of the appropriate components

The VELOX scale program consists of gross and net weigh scales with various dosing devices. Dosing and weighing, both processes have influence on the performance capacity of the plant. The product properties rule the dosing device. Local conditions and the filling quantity rule the choice of the weighing instrument. Net weighing instruments are highly productive since filling and further bag processing may run parallel. With gross weighing instruments these processes are sequential.



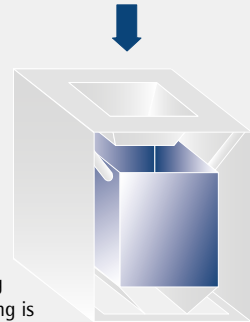
manual bagging

Manual bagging means that the bags are manually placed to the filling spout by the operator.

The dosing and filling itself is automatically. Then the filled bag is manually inserted into the closing machine.

Net Weigher

Net weigh scales weigh the product before filling. Depending on bulk density and filling weight they are available in different sizes. Bag handling and dosing is performed in parallel.



Gross Weigher

Unlike the net weigher, the gross weigh scale directly fills the product into the bag. Bag handling and dosing is performed successively.



For large filling volumes

VELOFILL HS – the high-performance bagging system of Greif-Velox

VELOFILL HS – technical data

- net weigh scale with self-optimizing shutter dosing
- automatic placing of pre-made open-mouth bags
- paper or PP-woven bags
- suitable for high-performance sewn closures (folding and sewing of bag's top edge)
- weighing range 10 – 50 kg
- performance capacity up to 1300 bags/h



VELOMAG HS



High-performance machine for automatic placing of pre-made empty bags

VELOMAT HS



High-performance bag closing line for fast and secure transport and closure

VELOFILL FFS – the Form, Fill and Seal System

Empty bags directly from the roll

- suitable for the making of flat or gusseted bags of PE film
- option of corner welding
- bag closing by thermal or ultrasonic welding
- equipped with gross or net weighing scale
- weighing range 10 – 50 kg



High-performance filling of open-mouth bags

Meeting the capacity demand and the budget

We adapt the open-mouth bag filling plant to your requirements

VELOFILL

Technical data

- gross or net weigh scales and all dosing systems
- automatic placing of empty bags
- for pre-made paper, PE or PP-woven bags or bags made of tubular film from a roll
- product compacting possible by jolting, vibrating, pressing or evacuating
- flexible for all customary means of bag closures
- performance capacity up to 500 bags/h



pre-made bags in a magazine or bags made from tubular film on a roll – or both

Upgrade your filling system with an empty bag placer

VELOMAG

The VELOMAG handles paper, PE or PP-woven bags with or without side gusset. The pre-made empty bags are supplied by the bag placer. The stockpiling capacity of the magazine is variable.



VELOFORM

The VELOFORM manufactures PE-bags directly from the roll and places them automatically on the filling spout.



Product compacting

While the filling process is carried out the product can be compacted in the bag by jolting or vibrating the bag bottom or by evacuation of air off the bag by means of a vacuum lance.

But also in closing position still before the bag is sealed, it is possible to compact the product by evacuating, pressing or vibrating.

VELOFILL BL – the bottom-up system

We have a solution to optimal product compacting.



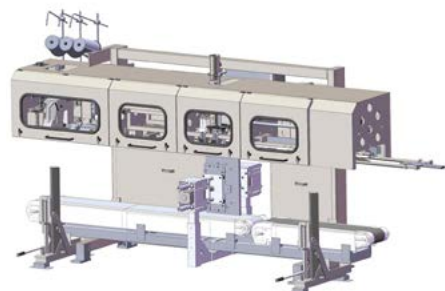
The bottom-up system

One of the VELOFILL add-ons is the bottom-up system VELOFILL BL.

The bag is grabbed and pulled over the filling lance for net weigh filling procedure from the bottom. During the filling the bag is constantly lowered. Also with this method the bag bottom can be jolted or vibrated during filling. The bottom-up system is ideal for products with challenging product compacting demands.

The bottom-up filling sequence

- ① The empty bag is lifted until the filling lance reaches the bag bottom.
- ② The product is filled-in while the bag is constantly lowered.
- ③ During filling the bag bottom may be jolted or vibrated to optimize the product compaction.
- ④ The filled bag is transported to the closing station.



VELOMAT

The bag closing line VELOMAT is applicable with all types of bag closure. It can close bags in continuous or standstill process. For product compaction the bag may either be pressed, vibrated or the air evacuated off the bag.

Bag Closing Systems



Sewing

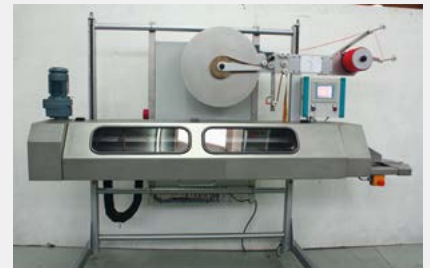
That's the conventional way to seal a bag. Both, before and after sewing it is possible to get air off the bag, to fold the top edge of the bag or to apply an over tape closure.



Ultrasonic or thermal welding

The VELOMAT seals PE-bags by thermal or ultrasonic welding.

Combinations with other closing systems



The FIS closure (Fold, Tape, Seal)



The pinch-top closure

The right solution for each media.

Bulk solids

- valve bag
- open-mouth bag
- FIBC

Liquids

- jerrycan
- pail
- drum
- IBC

Load unitization

- film stretching
- film shrinking
- strapping

Palletizing

- robotic palletizer
- pallet supply
- inline and gantry-style palletizer
- intermediate and cover sheets

GREIF-VELOX
Packaging Solutions

Logdos[®]
liquid filling

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